

INTEROFFICE MEMORANDUM

Date: May 12, 2004
 To: Arthur L. Williams, Director
 From: Arthur Chang, Environmental Supervisor
 Re: April 2004 FRM PM_{2.5} Monitoring Update Report

This is a report of April 2004 Federal Reference Method (FRM) PM_{2.5} monthly averages, annual averages, 3-year annual design values, and year-to-year comparison data summaries. (These data are subject to further quality assurance and are not final.)

April 2004

Table 1. PM_{2.5} Monthly Data Summary (µg/m³)

	Daily Maximum	Daily Minimum		Monthly
Site Name	Conc. & Date	Conc. & Date	Run Time	Average
Southwick	23.3 (4/12)	3.3 (4/04)	100.0 %	12.0
Wyandotte	21.9 (4/12)	3.1 (4/04)	93.3 %	11.0
Barret	21.9 (4/12)	5.6 (4/03)	100.0 %	12.3
Watson	15.3 (4/15)	5.1 (4/03)	100.0 %	9.8
Overall				11.5

The 24-hour average standard is 65 µg/m³.

Table 2. PM_{2.5} Design Values and Year-to-Date Annual Mean Comparisons

Site Name	Annual Mean(µg/m ³)						Annual Design Values (1999-2001)	Annual Design Values (2000-2002)	Annual Design Values (2001-2003)	Annual Design Values (2002-2004)
	2004 Year-To-Date	2003	2002	2001	2000	1999				
Southwick/ <i>Firearms Trn</i> ¹	12.4	15.4	17.2	17.1/ 18.7	17.3	17.5	N/A	N/A	N/A	
Wyandotte	12.1	15.2	17.5	17.7	16.7	16.9	17.1 ²	17.3 ²	16.8 ²	
Barret	11.3	15.2	16.3	16.9	16.7	17.2	16.9	16.6	16.1	
Watson	10.7	15.1	15.3	16.3	16.8	15.2	16.1	16.1	15.5	

The annual average standard is 15.0 µg/m³.

¹ *Firearms Training* replaced Southwick Community Center monitoring during 2001, due to renovation. Twelve quarters of contiguous data are unavailable.

² Design value site for Louisville.